Instructor: Andrea Tamburelli **Time:** MWF 2-2:50pm
Office: Hermann Brown Hall 444 **Classroom:** HBH 427
Email: at52@rice.edu

Office Hours: Monday 3:15-4:45pm, Wednesday 3:15-4:45pm, Thursday 2-4pm, or by appointment.

TA Sessions: TBA

Textbook: *OpenStax: Calculus Volume 3*, available at https://openstax.org/details/books/calculus-volume-3. Stewart, *Calculus Early Transcendentals*.

Course outline: This course generalizes concepts from Calculus 1 and 2 to higher dimensions. We will study real-valued functions in several variables and vector-valued functions. We will learn how to compute line integrals, multiple integrals, and surface integrals, making use of various versions of Stokes theorem.

Homework: Homework is due every week on **Friday** before lecture. Homework is a key part of the course and no late assignments will be accepted for any reason. The lowest homework grade will be dropped. Homework is not pledged and you are encouraged to collaborate with other students in the class. However, your solutions must be written up individually. Daily quizzes on WebWork will be assigned. These are optional, but give extra credit for the homework portion of the final grade.

Grading: Grades will be based on homework and exams according to whichever of the following rules benefits you the most:

Homework:	22-20-22 %
Midterm I:	24-25-24 %
Midterm II:	24-25-18 %
Final exam:	30-30-36 %

When computing final course grades, a student's exam scores are normalized against scores of all students in Math 211 this semester, not just those in this section.

Important dates: First day of classes: January 13th
Midterm I: February 20th
Midterm II: April 2nd
Last day of classes: April 24th
Final: TBA

Warning! It is the policy of the Mathematics Department that no final may be given early to accomodate student travel plans. If you make travel plans that later turn out to conflict with the scheduled exam, then it is your responsability to either reschedule your travel plans or take a zero in the final.

Disability Support: If you have any documented disability that requires academic adjustments or accomodations, please speak with me during the first week of class. All discussions will remain confidential. Students with disabilities will also need to contact Disability Support Services in the Allen Center.

Online sources: The service *Canvas* will be used for this course. Announcements, coursework, etc. will be posted there.